

FIG. 1

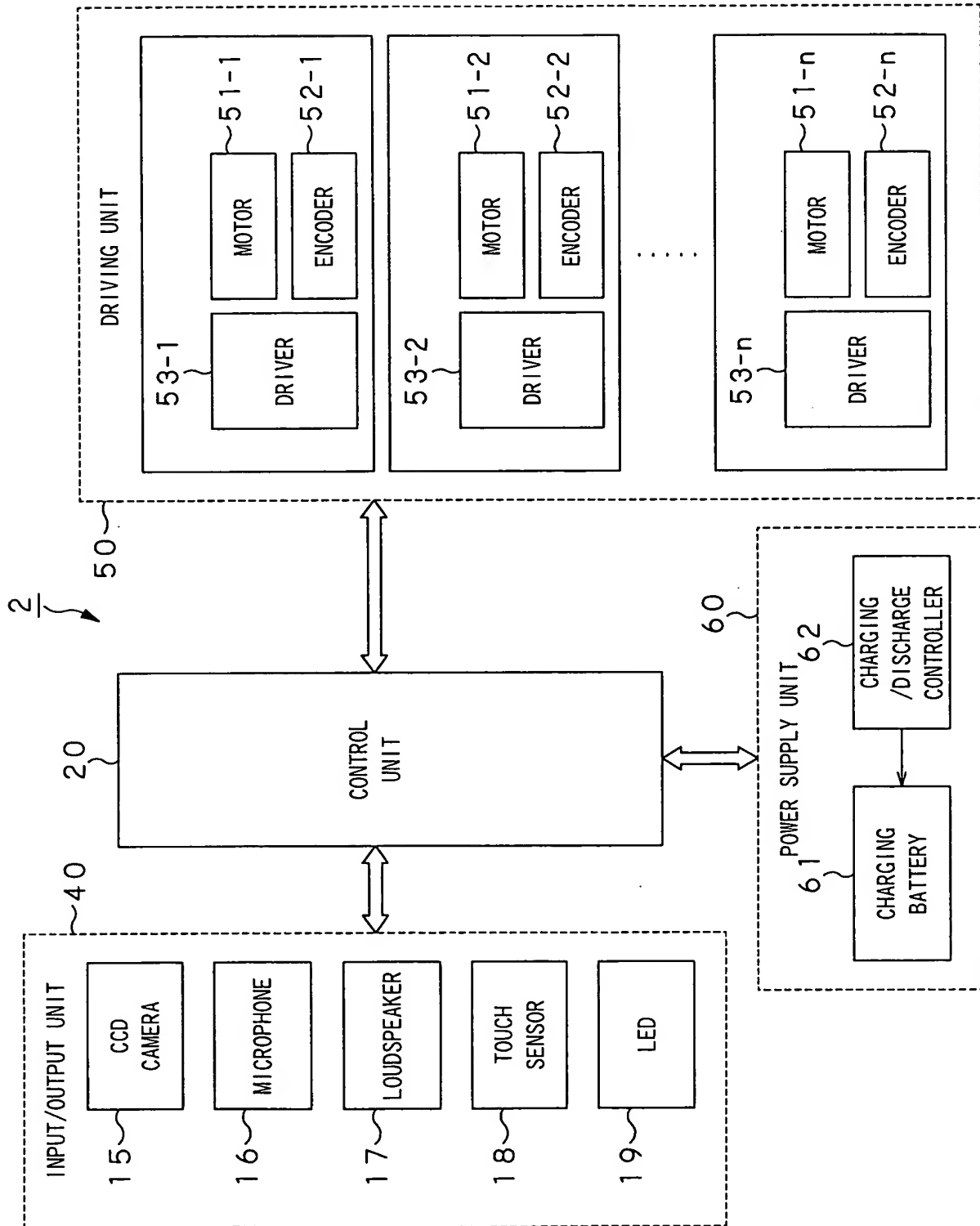


FIG.2

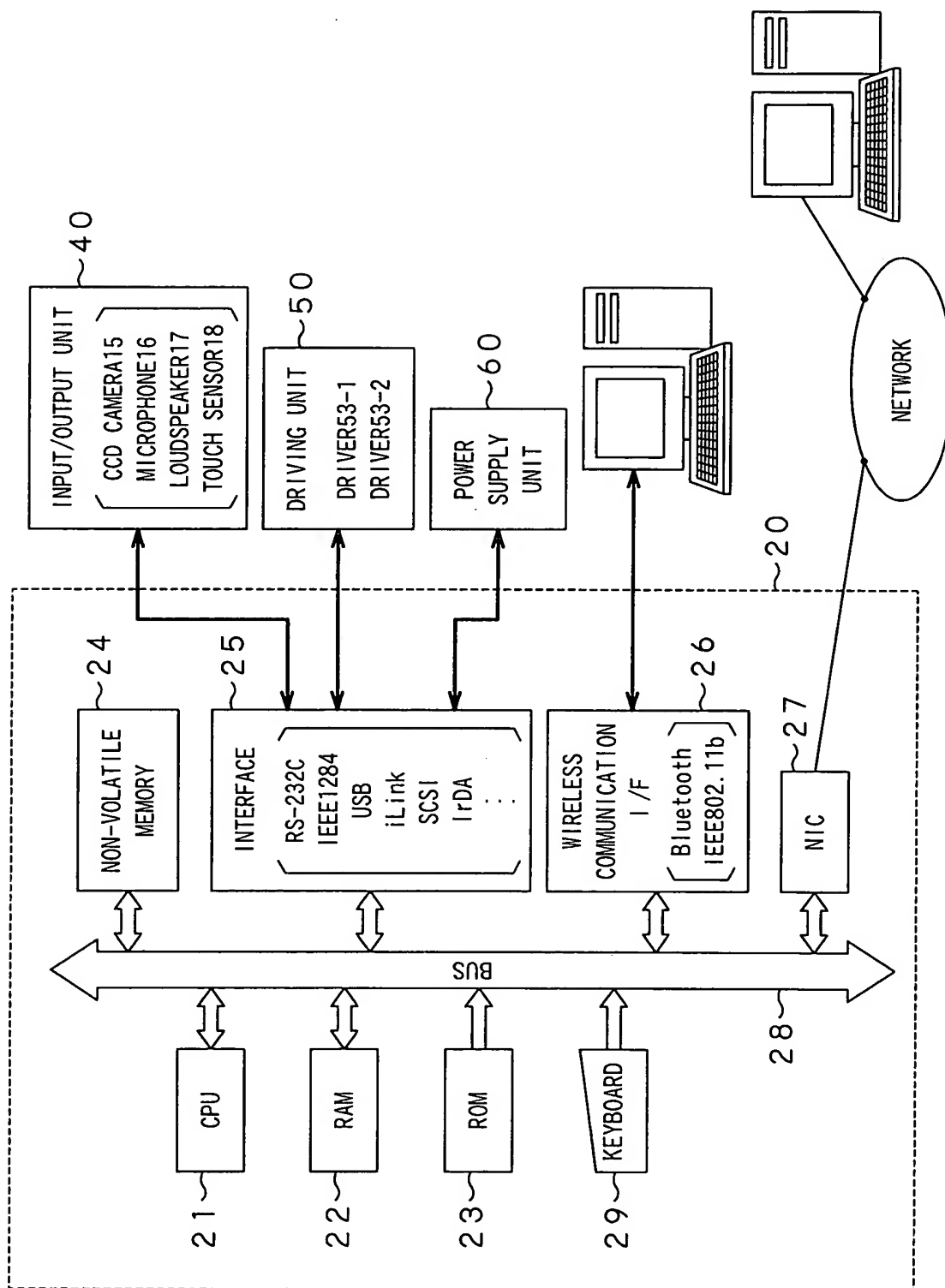


FIG. 3

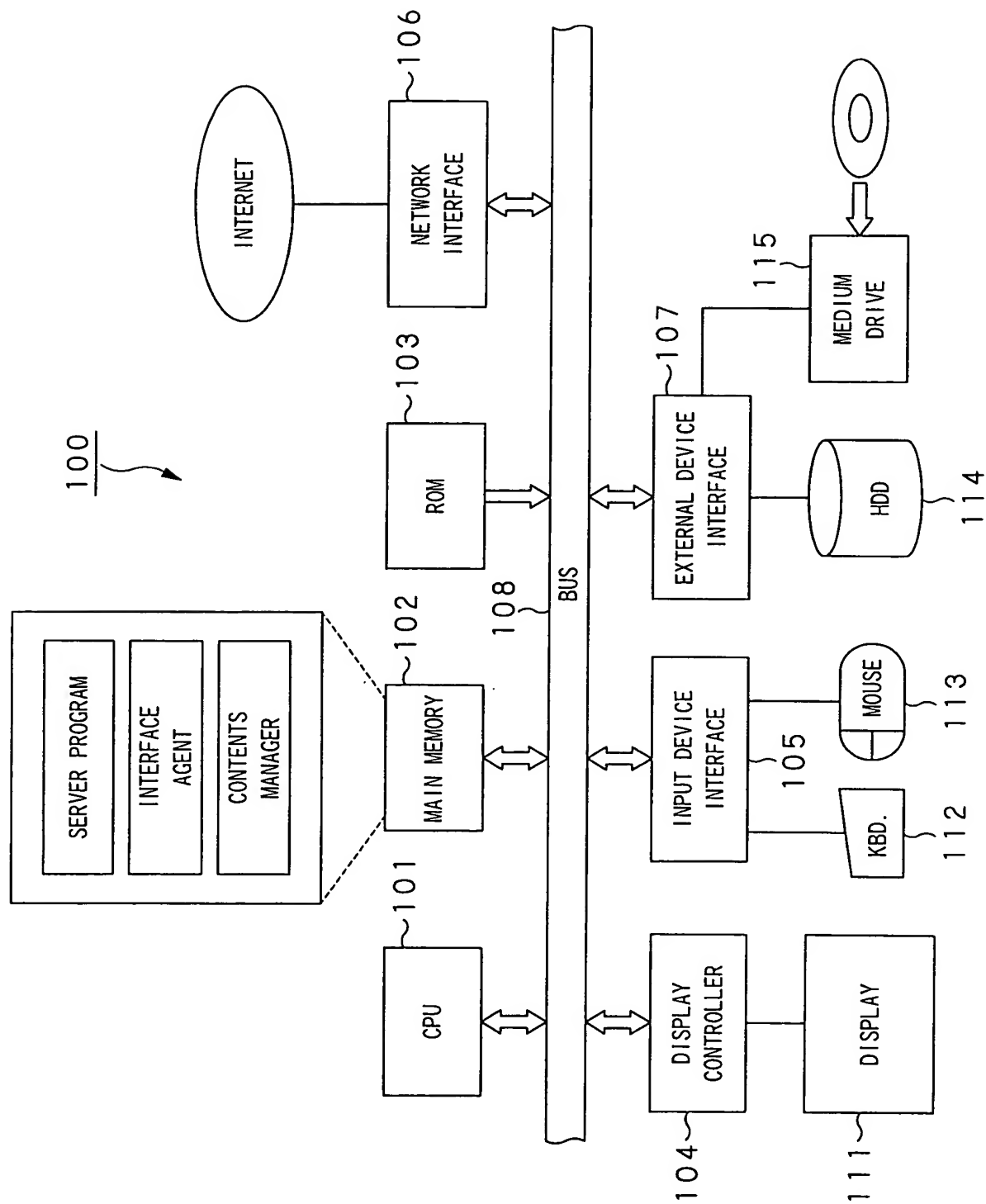


FIG.4

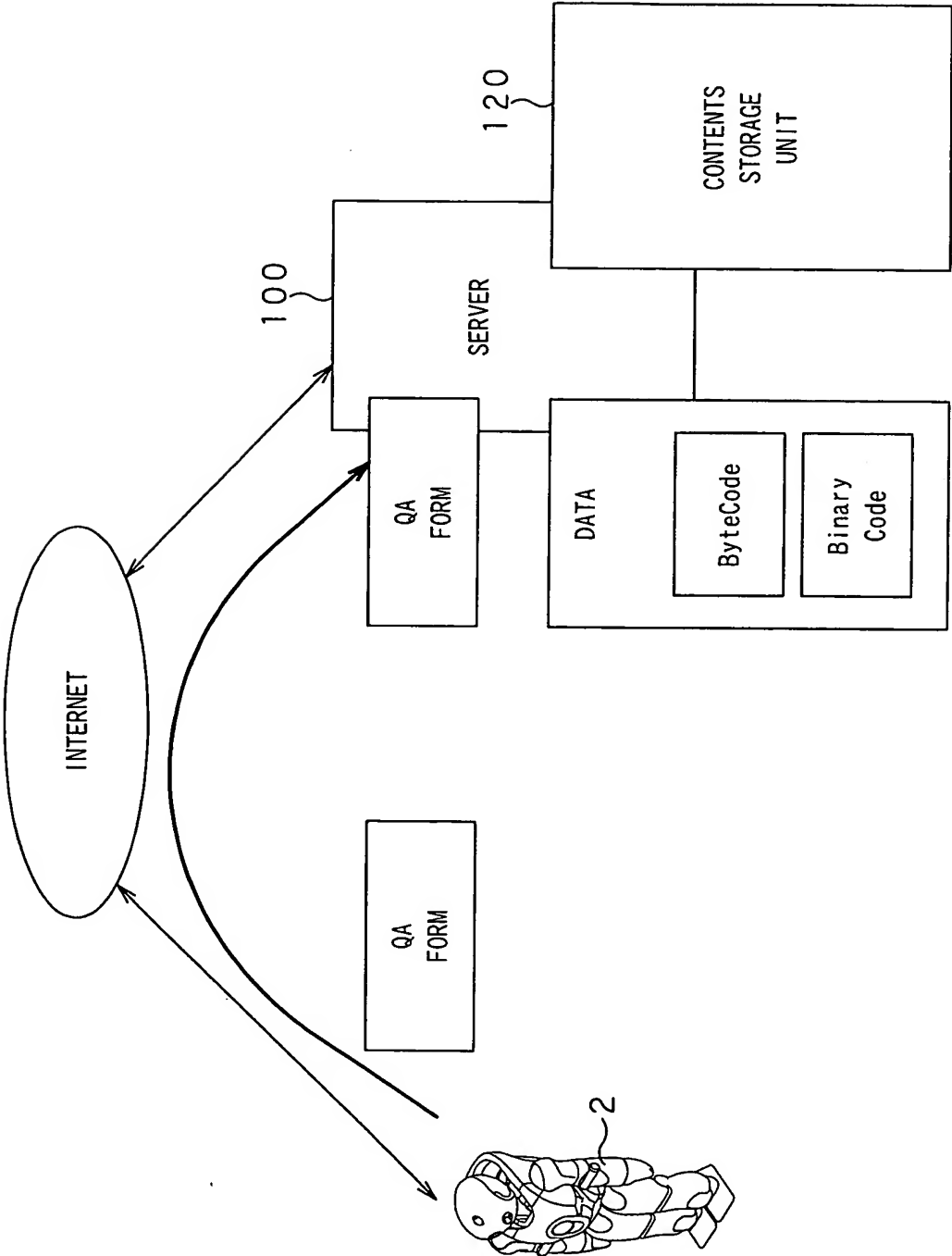


FIG.5

6/13

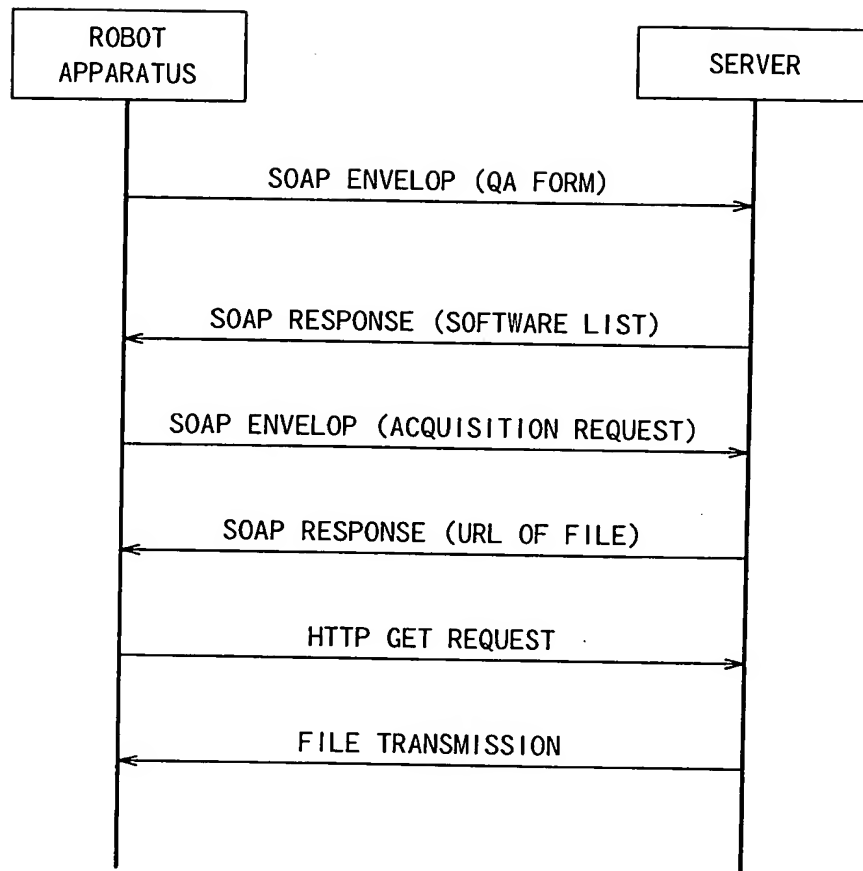


FIG.6

7/13

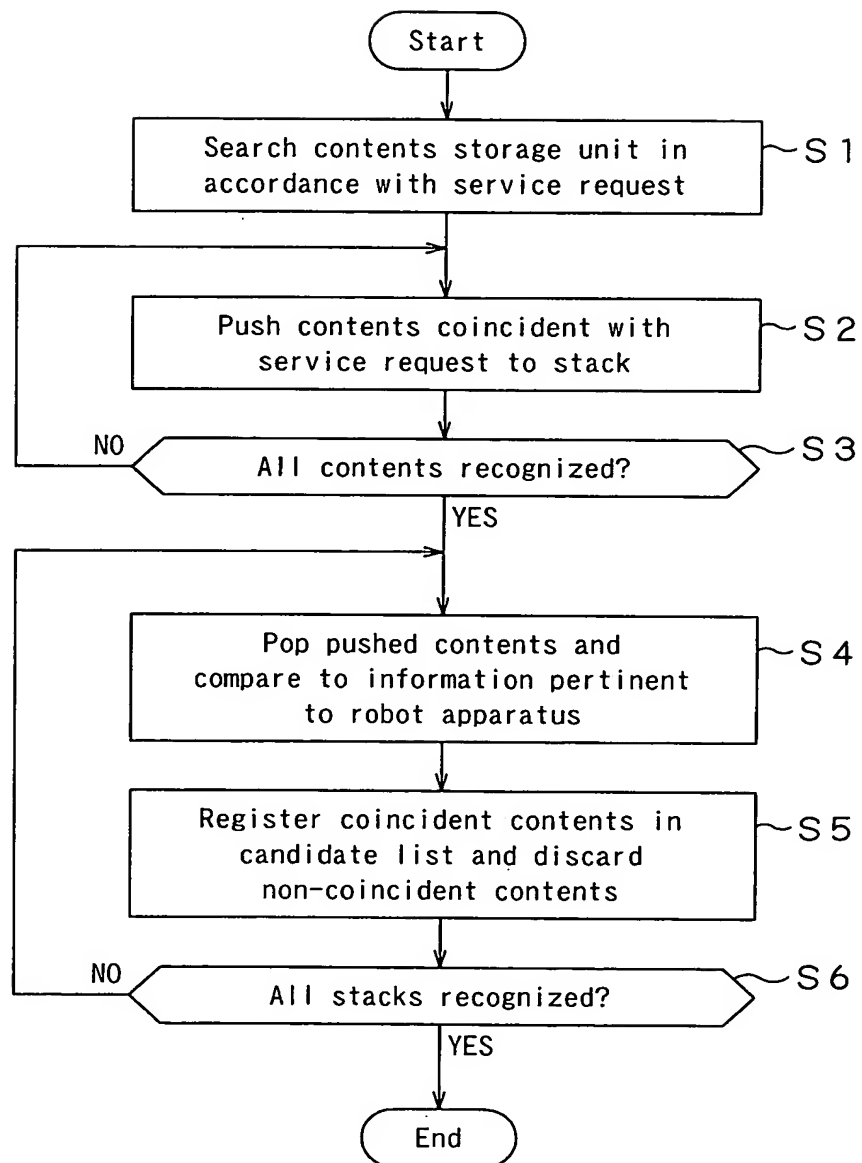


FIG. 7

8/13

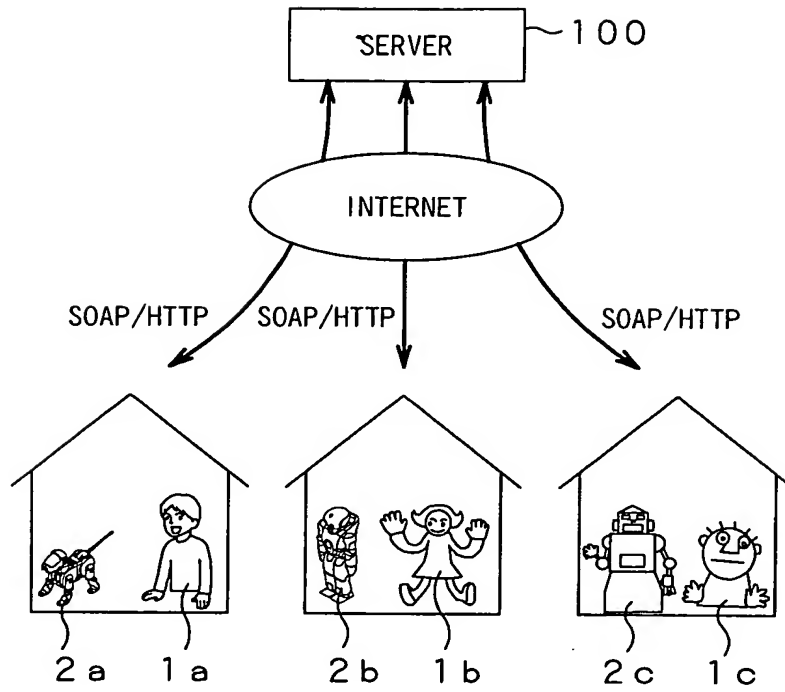


FIG. 8

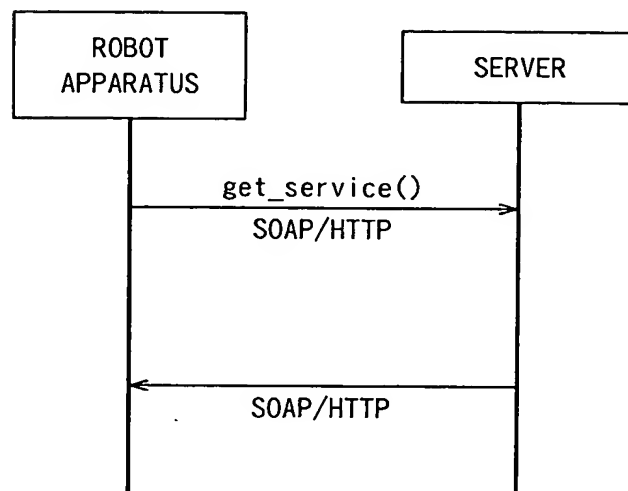


FIG. 9

9/13

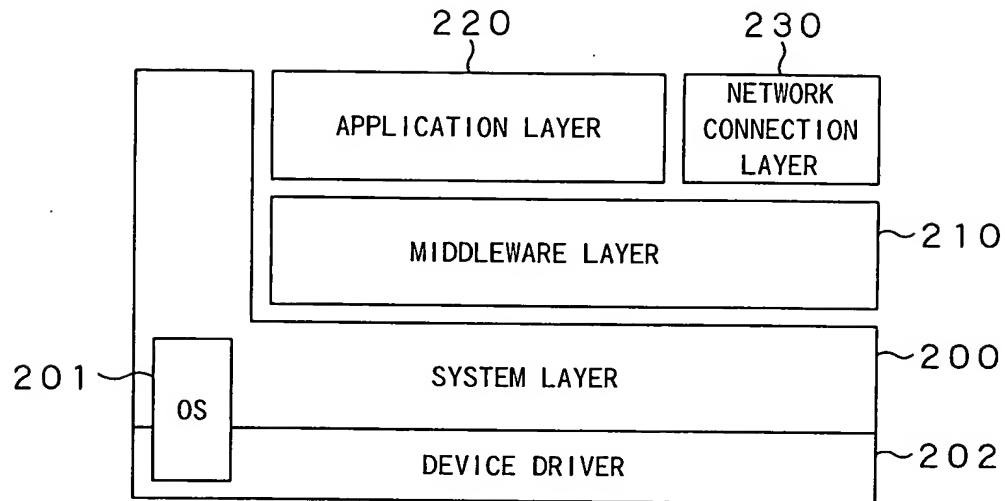


FIG. 10

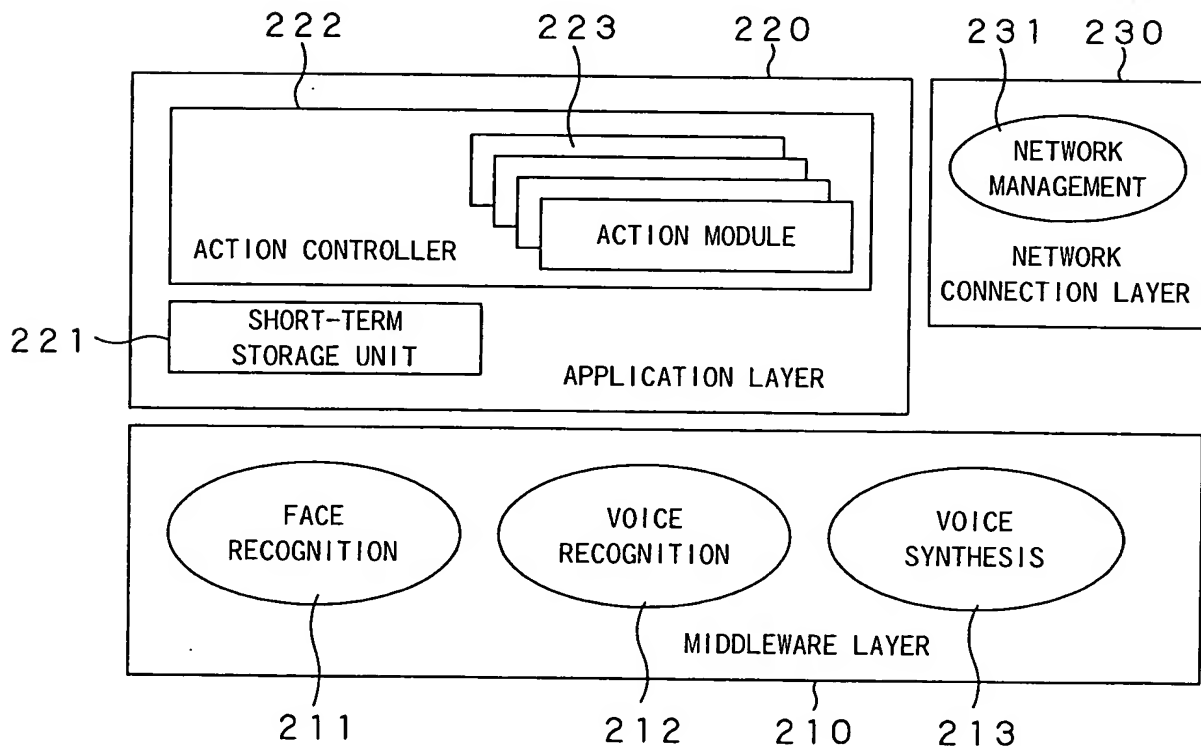


FIG. 11

10/13

```

<?xml version= "1.0" ?>
<description modelname= "SDR-4X11" >
  <middleware>
    <input>
      <facedetection supports= "multi-view" />
      <speechrecognition supports= "word,sentence" />
    </input>
    <output>
      <sound supports= "wav" />
      <speechsynthesis supports= "tts" />
    </output>
  </middleware>
</description>

```

FIG. 1 2

```

dom=parseString(inline)
list=dom.getElementsByTagName( 'speechrecognition' )
if len(list):
  ACQUIRE SUPPORTS ATTRIBUTE OF SPEECHRECOGNITION=LIST[0] FOR STORAGE AS LIST
else:
  speechrecognition=[]

list=dom.getElementsByTagName( 'speechsynthesis' )
if len(list):
  ACQUIRE SUPPORTS ATTRIBUTE OF SPEECHSYNTHESIS=LIST[0] FOR STORAGE AS LIST
else:
  speechsynthesis=[]

list=dom.getElementsByTagName( 'facedetection' )
if len(list):
  ACQUIRE SUPPORTS ATTRIBUTE OF FACEDETECTION=LIST[0] FOR STORAGE AS LIST
else:
  facedetection=[]

del dom

```

FIG. 1 3

11/13

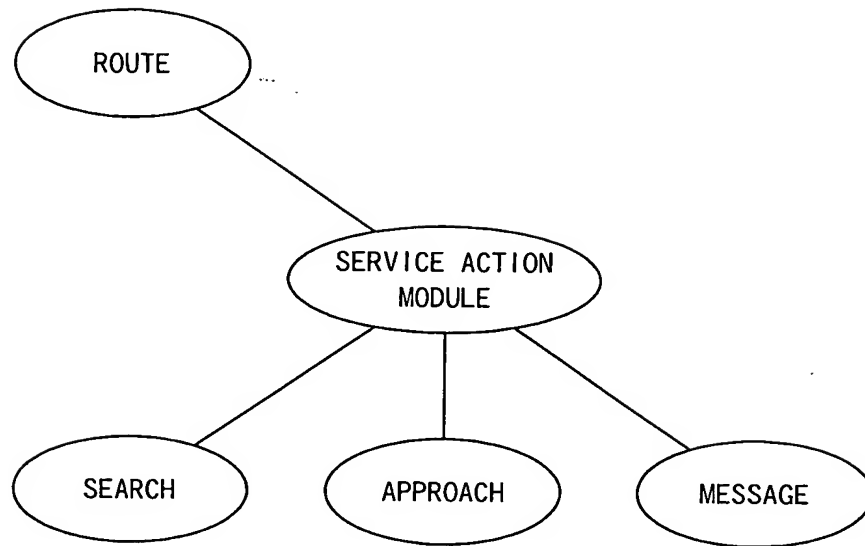


FIG. 14

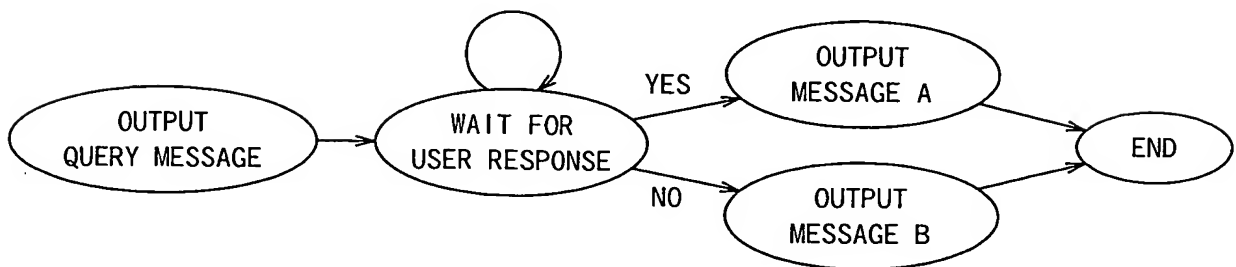


FIG. 15

```
<?xml version= "1.0" ?>  
<description modelName= "SDR-4X11" >  
  <middleware>  
    <input>  
      <speechrecognition supports= "word,sentence" />  
    </input>  
    <output>  
      <sound supports= "wav" />  
    </output>  
  </middleware>  
</description>
```

FIG.16

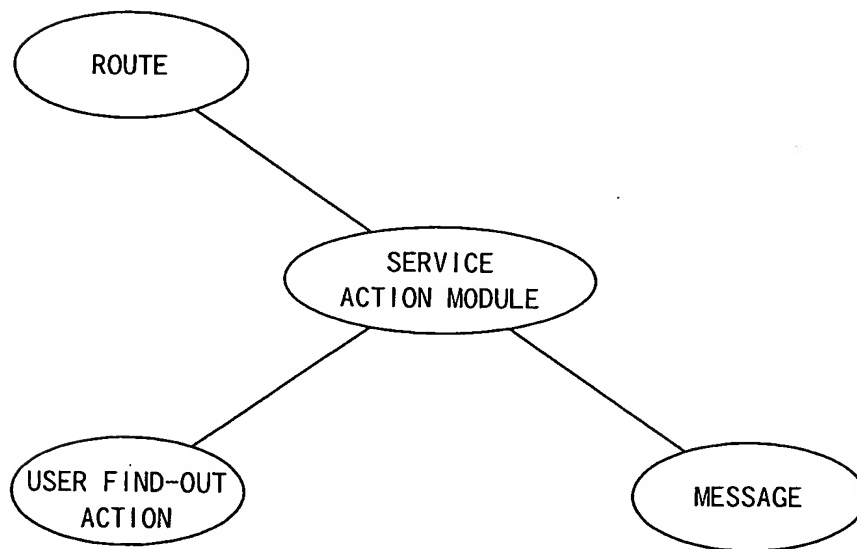


FIG.17

13/13

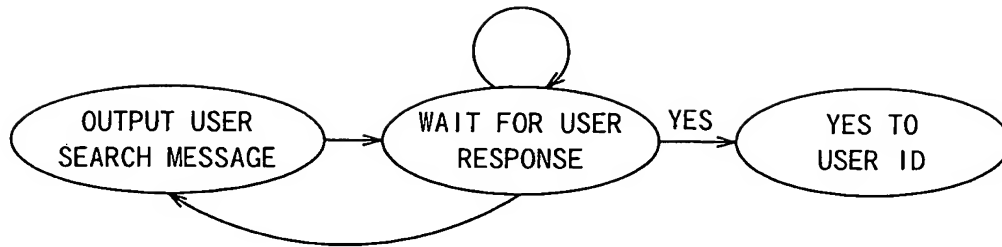


FIG. 18

```

<?xml version= "1.0" ?>
<description modelname= "SDR-4X11" >
  <middleware>
    <input>
      <facedetection supports= "multi-view" />
    </input>
    <output>
      <sound supports= "wav" />
    </output>
  </middleware>
</description>
  
```

FIG. 19

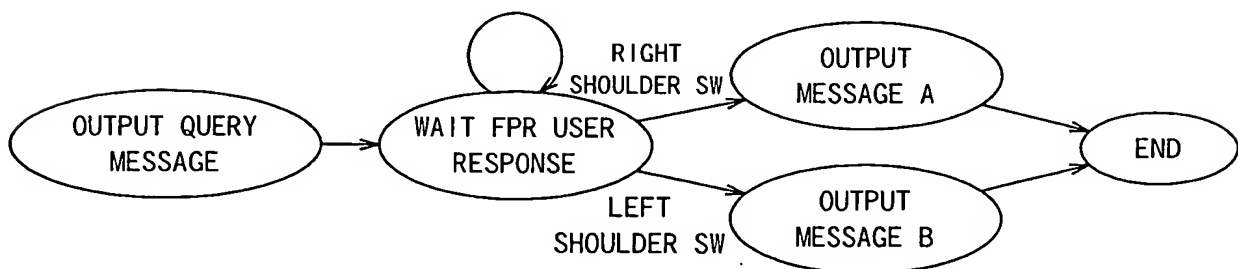


FIG. 20